

NOAA Research Laboratory Review Actions

SUMMARY TABLE

Laboratory	Completed	Not Completed	TOTAL
Aeronomy Lab (Sept 98)	0	0	0
Air Resources Lab (May 01)	7	0	7
Atlantic Oceanographic & Meteorological Lab (Feb 00)	5	0	5
Climate Diagnostics Center (Jul 01)	1	1	2
Climate Monitoring & Diagnostics Lab (Jul 02)	4	0	4
Environmental Technology Lab (May 01)	0	0	0
Forecast Systems Lab (Jul 99)	6	1	7
Geophysical Fluid Dynamics Lab (Apr 00)	0	0	0
Great Lakes Environmental Research Lab (Dec 00)	7	0	7
National Severe Storms Lab (Jul 99)	6	1	7
Pacific Marine Environmental Lab (Jun 98)	0	0	0
Space Environment Center (Jul 00)	6	0	6
TOTAL	42	3	45

Air Resources Laboratory:

complete	Action	Date Due
✓	Develop a long-term strategic plan	7/02
✓	Document barriers to external funding opportunities	no date
✓	Improve information exchange within ARL (Complete within constraints of firewalls, etc.–still working IT issues)	no date
✓	Improve relationship between ARL and NOAA Research	no date
✓	Utilize Office of Scientific Support Atmospheric Team and work closely with the Associate Director for Wx and Air Quality. Ensure they are kept current on ARL issues.	no date
✓	Comment on NOAA Research HQ Review plans and participate in SRC discussion of Review results.	1/02
✓	Continue to work with NOAA Research HQ and OMAO to demonstrate safe use of small aircraft in FRD.	2/02

Atlantic Oceanographic & Meteorological Laboratory:

complete	Action	Date Due
✓	Develop system for ensuring timely analysis and distribution of data.	12/00
✓	Provide description of plans for insuring future support of Florida Strait and other key time-series monitoring	12/00
✓	Provide summary of present, proposed, and possible strategic collaborations with outside research groups.	02/01
✓	Investigate establishing a funded sabbatical program to bring University scientists to the lab for extended periods and provide summary of conclusions and resulting plans (if any).	02/01
✓	Develop a plan for upgrading the Labs aging computer systems, including a plan to ensure webpage availability to the public during severe weather events.	12/00
✓	Develop a 5-year prioritized Strategic Plan. Provide draft for review NLT Sept 01	09/01
✓	Develop vision statement.	09/01

Climate Diagnostics Center:

complete	Action	Date Due
✓	Develop a strategic plan that describes CDC's scientific, partnering, and staffing priorities and plans for the next 5 years.	3/02
X	NOAA Research to reexamine CDC's role in the near future and explore a name change for CDC.	3/02

Climate Monitoring and Diagnostics Laboratory:

complete	Action	Date Due
✓	Recommends NOAA provide funding to replace outdated/obsolete/high maintenance equipment and ensure CMDL baseline monitoring is maintained at a level at least equal to that of inflation	7/03
✓	Human Resources: Develop aggressive effort to enhance its human resources (i.e. recruitment of undergrad and grad students, post doc fellows, & early career scientists/engineers)	7/03
✓	Develop new cross-cutting research initiatives to follow on the success of the carbon cycle initiative	7/03
✓	Resources: ensure adequate resources to maintain/renew core capability to continuously monitor over the long-term key atmospheric constituents relevant to climate change, ozone and baseline air quality. Pursue additional resources to establish new initiatives and to train next generation scientific leadership.	7/03

Forecast Systems Laboratory:

complete	Action	Date Due
T	Continue support of the NWS effort to obtain long-term financing for AWIPS maintenance, possibly through the initiative process	no date
T	Consider using NAOS process to perform an updated simulation experiment which includes ACARS data.	no date
X	Further development of GAINS must be done in close cooperation with NWS. Plans and resources must be developed for operational testing and technology transfer. (GAINS program converted to Global Unified Profiling System, efforts are ongoing)	no date
T	Encourage greater FSL involvement in the USWRP and ensure that FSL's portion of the WRF development is within the USWRP structure.	no date
T	Develop a comprehensive plan for model development in conjunction with other laboratories, academia and NWS.	5/00
T	Consult with NCDC to define FSL's role (if any) in data repository development.	no date
T	Develop and send draft FSL strategic plan by the end of this fiscal year.	10/01

Great Lakes Environmental Research Laboratory:

complete	Action	Date Due
T	Revise GLERL's strategic plan and develop annual implementation plan.	1/02
T	Evaluate progress of current management changes as they affect personnel, scientific productivity, and financial efficiency.	1/02
T	Develop 5-year facility acquisition plan.	no date
T	Develop staffing plan.	no date
T	Revise the "GLERL Incentive Awards Policy" to include additional criteria (i.e. relevance to NOAA missions, importance of work performed, etc.)	no date
T	All GLERL staff should be provided a timely copy of this review report.	no date

complete	Action	Date Due
T	Encourage Laboratory scientists to publish in popular literature with regional or national distribution vs. only encouraging publication in peer-reviewed literature. Assign staff member to provide research results in suitable form for public consumption. Develop policy advisory committee to help evaluate products/services and promote adoption to users.	no date

National Severe Storms Laboratory:

complete	Action	Date Due
✓	Provide list of accomplishments for new public affairs specialist from date hired to present.	10/99
✓	Increased interaction with NWS during exploration of the phased array technology	no date
✓	Develop report outlining collaborations between NSSL and NWS no colocated with NSSL, and collaborations with Oklahoma University.	10/99
X	Increase level of discretionary funding to between 5% and 10% of the NSSL base by the next NSSL review.	~ 2004
✓	Statement from NSSL detailing support of continuing PACS project within NSSL..	10/99
✓	Develop a plan to accomplish linkages and interactions to increase expertise of NSSL in use of satellite data for analysis and assimilation into models.	10/99
✓	Develop a plan which outlines how interactions can be improved between NSSL and other OAR Laboratories.	11/99

Space Environment Center:

complete	Action	Date Due
✓	Develop "Situation Management Team" plan	7/01
✓	Develop long-range (5-10 year) strategic plan.	9/01
✓	Provide brief description of observing system requirements and justifications for observations	9/01
✓	Develop Product and Service Requirements, including a process for objectively measuring progress in product improvement.	9/01
✓	Increase involvement of SEC staff in FY2003 initiative preparation.	no date
✓	Develop "value model", (e.g. results of analysis of research and service costs vs. customer benefits) and use in the FY2003 initiative process.	no date